

U. S. Department of Agriculture  
Bureau of Agricultural Economics  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Inspection  
Division of Agr'l. Statistics  
and  
Agricultural Extension Service  
of Nebr. College of Agr.

#### NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 8-12-52 - 11:00 A.M.

Week Ending 8-11-52

WEATHER Temperatures averaged about 40 below normal in the extreme east to slightly below in the west, with several cool days, but very little warm weather. Afternoon temperatures were below 90 degrees except in rare instances. Moderate to heavy showers fell over most of the eastern and central portions of the State, and light to moderate in the west.

CROPS Corn improved during the past week. Rains fell in some part of the State for each of the first ten days of August, being heaviest on August third and eighth. This has improved the outlook greatly since August 1 when the forecast was 240,720,000, down two bushels since July 1. Much of the reserve moisture had been used by the close of the month and the questionable outcome of corn at that time was reflected in the August 1 crop report.

Rain during the past week improved the outlook in the fringe areas of southwestern, central and extreme northeastern Nebraska where some damage had occurred. At present, Dundy, part of Custer, Holt, Knox and northern Antelope have sustained the most damage to corn, based on reports. Dundy County reports "poorest corn possibilities since 1934". Some root worm damage is reported. Except for the extreme northern portion, the eastern third of the State has splendid prospects.

The corn outlook in central and south central Nebraska ranges from fair to good. Undamaged corn in southwestern Nebraska should improve. The cool weather has been favorable since it checked deterioration where moisture was a little short. With the additional moisture since August 1 the present outlook is for an excellent crop of corn.

The August 1 estimate of wheat of 96,797,000 bushels is down 1/2 bushel per acre from the July 1 yield of 23 bushels per acre. Despite the damage from the June heat wave the crop is the largest of record and exceeds the previous high of 1947 by 5 million bushels. The June heat wave may have been a blessing in disguise since black stem rust, now prevalent in the north, might have ruined the crop.

Spring small grain crops did not do as well. The August estimate of oats is 47 million bushels, down 12 million bushels since July 1. Some of the oats yielded well but most of them were poor and much more than the usual acreage was cut for hay. Some oats were pastured and some used for silage. Yields of barley are also poor, averaging 17 bushels per acre.

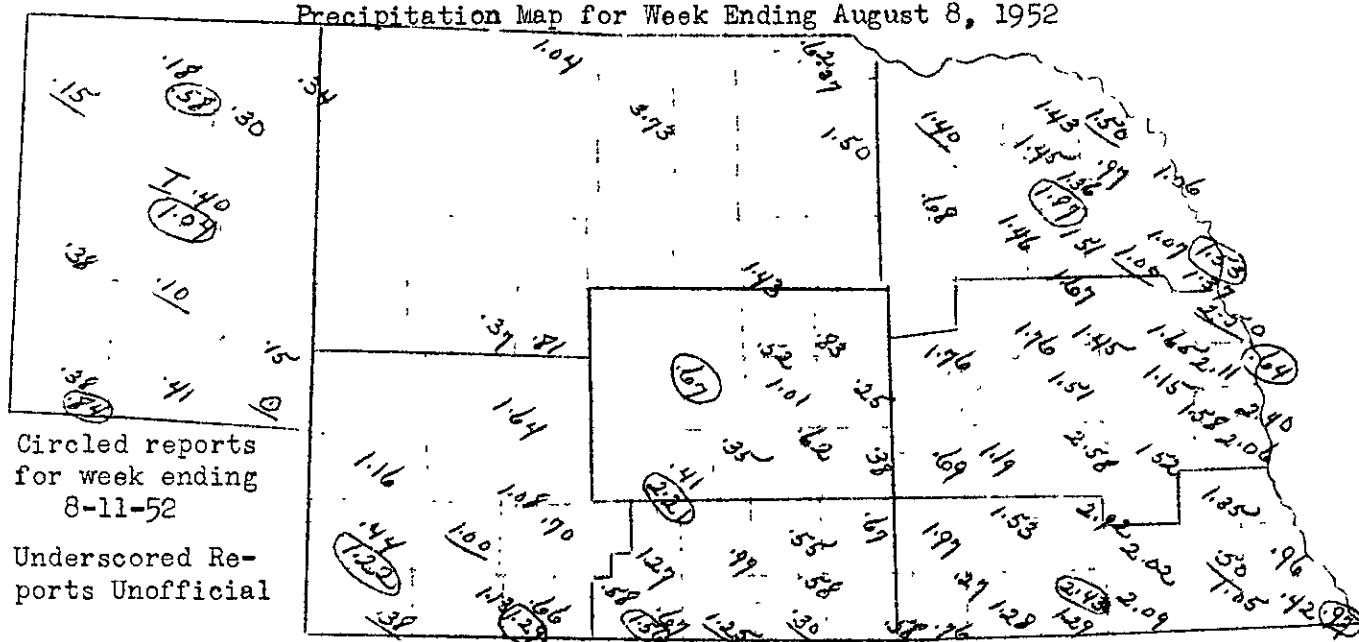
Rains improved the outlook for the sorghum crop and will benefit that portion of the third crop of alfalfa that is not ready for harvest. Most of the reports on the alfalfa seed outlook are very good. Sherman County reported some yields running between 5 and 6 bushels and others range from 2 to 3 bushels per acre. Recent rains have been very favorable for newly seeded alfalfa in southeastern Nebraska.

The recent rains have improved the pasture, hay and feed outlook. The western portion of the range area is still dry, but with cooler weather and rain it could still improve. Prairie fires have destroyed considerable wild hay and pasture. Pasture in the eastern portion of the range area received enough moisture to improve the outlook for pasture and winter range. Wild hay in the low meadows yielded better than last year. Yields on the hills are much lower. The hay outlook is not nearly as good in the western portion of the range area.

1200

8-12-52

Precipitation Map for Week Ending August 8, 1952



## HIGHEST AND LOWEST TEMPERATURES (for 24 hours ending in a.m.)

## AUGUST

		5th		6th		7th		8th		9th		10th		11th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	90	55	90	55	90	70	97	56	81	53	91	56	--	54
	Scottsbluff	84	54	89	57	89	65	91	56	82	55	90	56	83	54
	Sidney	84	53	88	58	90	65	91	58	82	53	93	54	84	54
N-C	Burwell	79	60	--	--	85	65	84	54	79	55	81	63	82	57
	Valentine	81	58	86	61	--	--	86	62	75	52	84	60	83	53
NE	Norfolk	75	59	77	56	82	64	73	67	82	58	79	62	79	58
	Sioux City	75	55	74	54	81	61	75	64	85	56	80	60	83	58
CEN.	Grand Island	83	63	80	58	85	66	77	66	85	51	84	65	86	62
	Lexington	84	62	82	62	85	65	79	64	85	53	86	62	88	59
E-C	Lincoln	80	63	76	60	85	66	80	68	85	62	82	64	84	67
	Omaha	76	59	--	--	--	--	79	67	84	62	78	63	--	--
SW	Imperial	90	59	90	59	86	66	89	60	84	53	93	63	81	56
	North Platte	--	60	85	61	--	--	88	62	83	53	87	63	85	--

## WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 11, 1952

Eastern Division		Eastern Div., Cont'd.		Central Division		Western Division	
Albion	--	Hastings	.60	Broken Bow	.67	Alliance	1.04
Ashland	.82	Lincoln	.84	Burwell	.99	Chadron	.58
Auburn	.50	Norfolk	.98	Cambridge	1.56	Culbertson	1.29
Beatrice	1.64	Oakdale	.68	Holdrege	.86	Imperial	1.22
Columbus	.57	Omaha	.64	Lexington	2.21	Kimball	.84
Fairbury	2.43	Red Cloud	.29	North Loup	.83	Scottsbluff	.34
Fairmont	1.30	St. Paul	.12	North Platte	1.32	Sidney	.39
Falls City	.97	Tekamah	1.53	O'Neill	1.23		
Fremont	.69	Wakefield	1.87	Ravenna	.23		
Grand Island	.17	York	.44	Valentine	.51		
Hartington	.40						
Average this week		0.87		1.04		0.81	
Total since April 1		16.53		10.62		7.81	
Normal since April 1		15.77		13.59		11.05	